

FIG. 1A

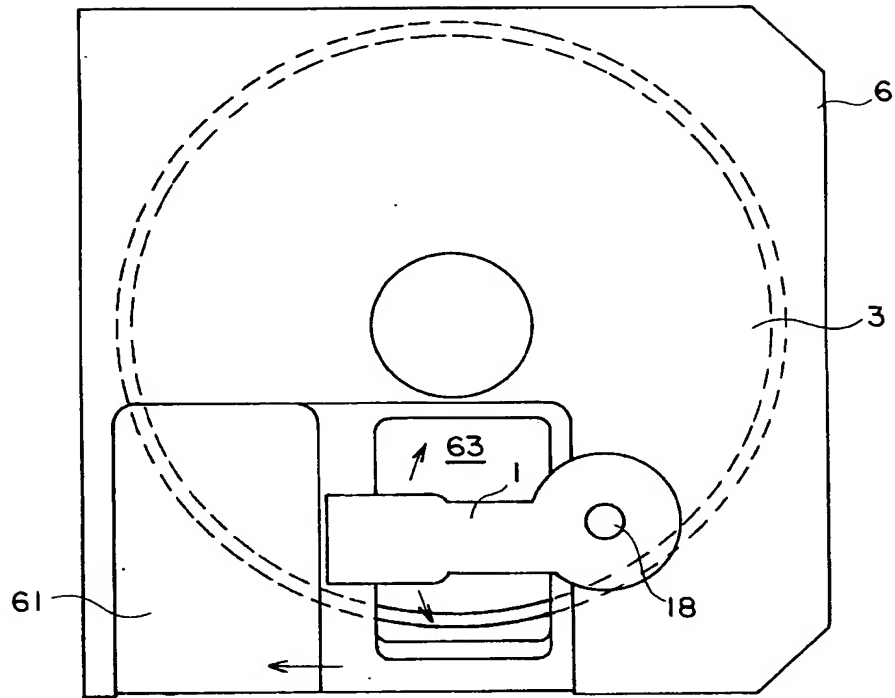


FIG. 1B

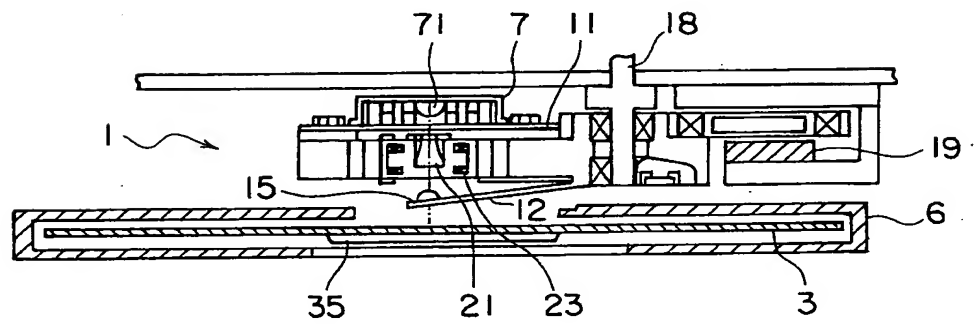


FIG. 2

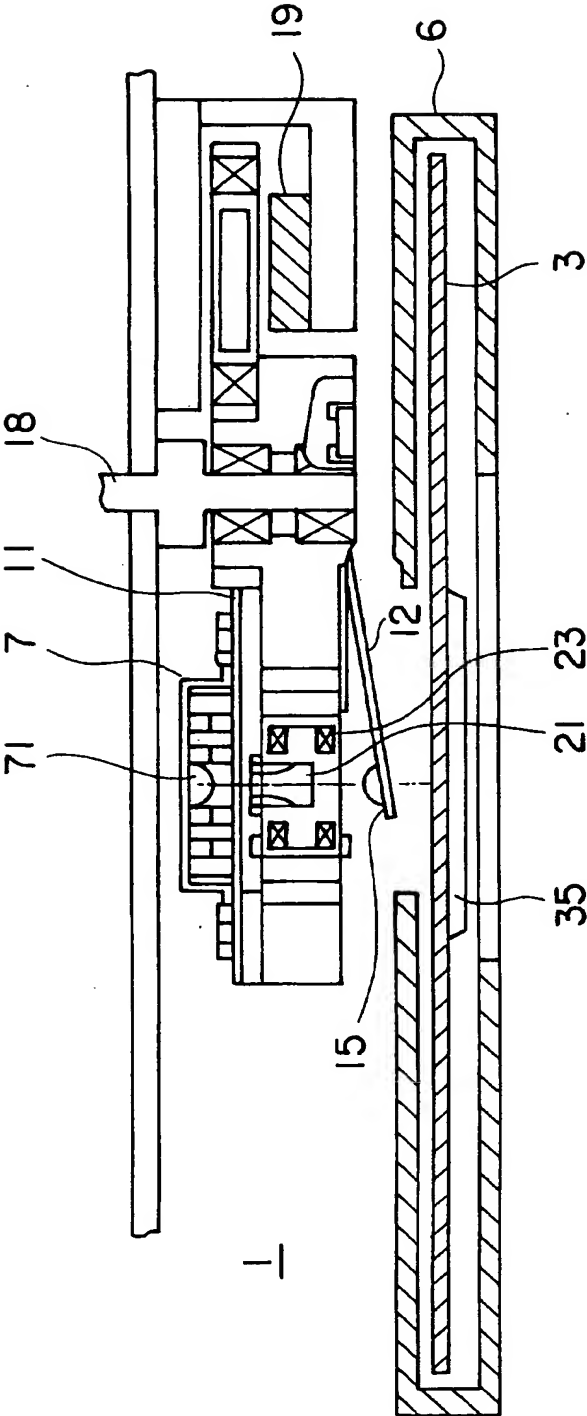


FIG. 3

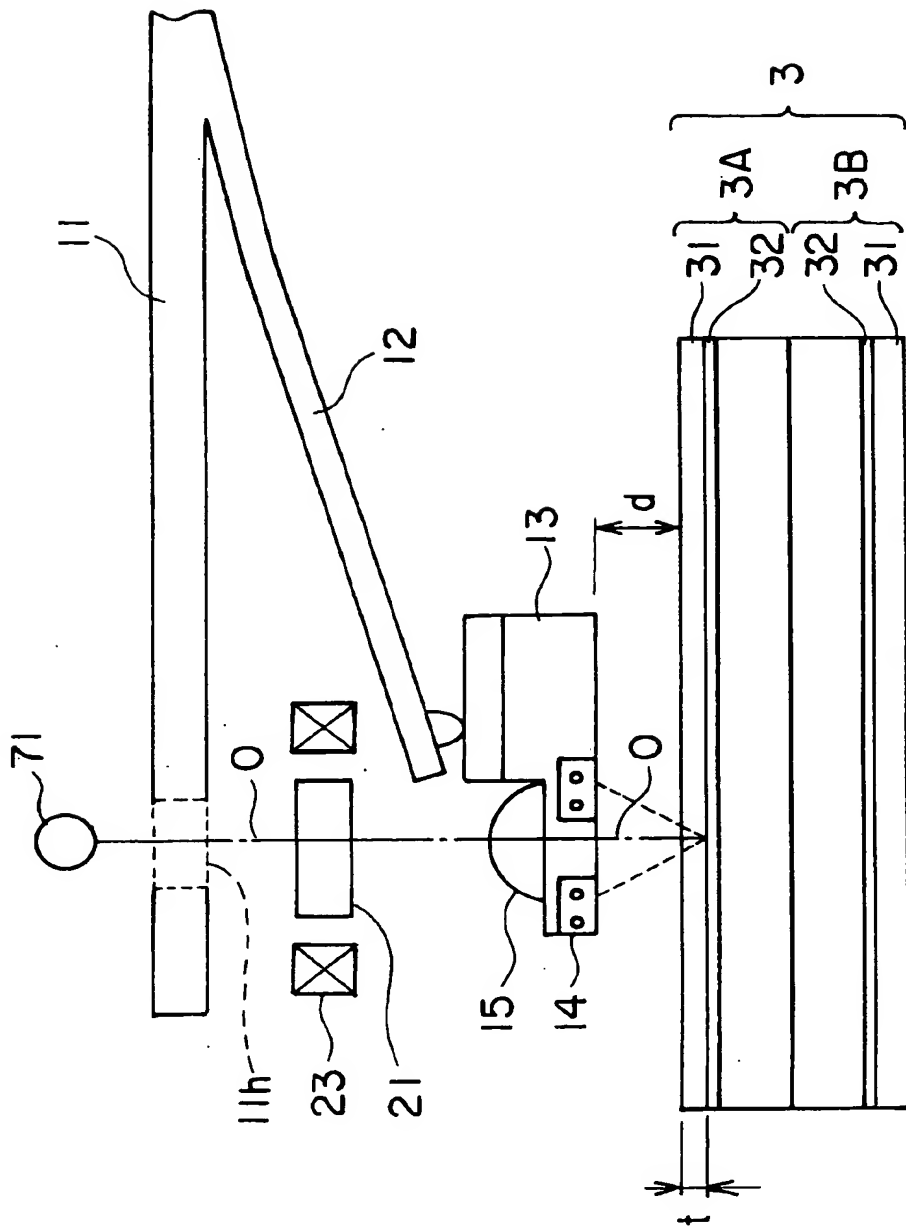


FIG. 4

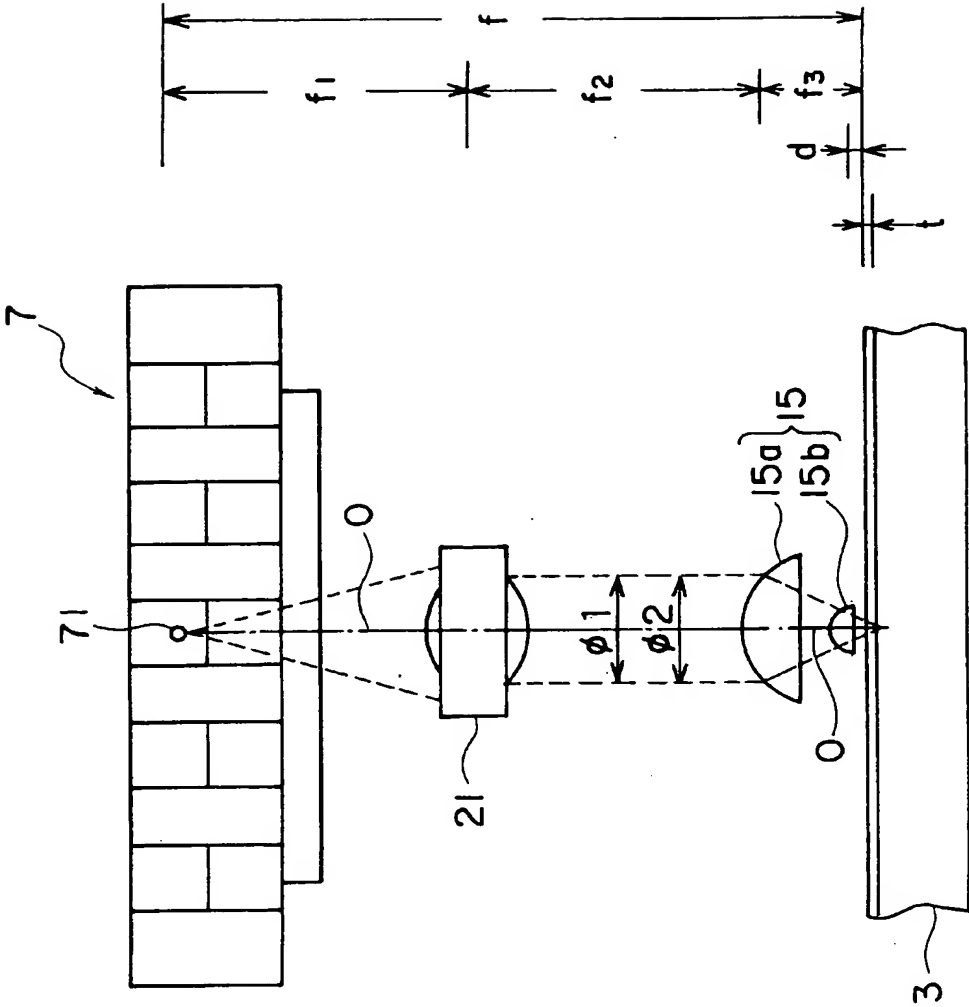


FIG. 5

4

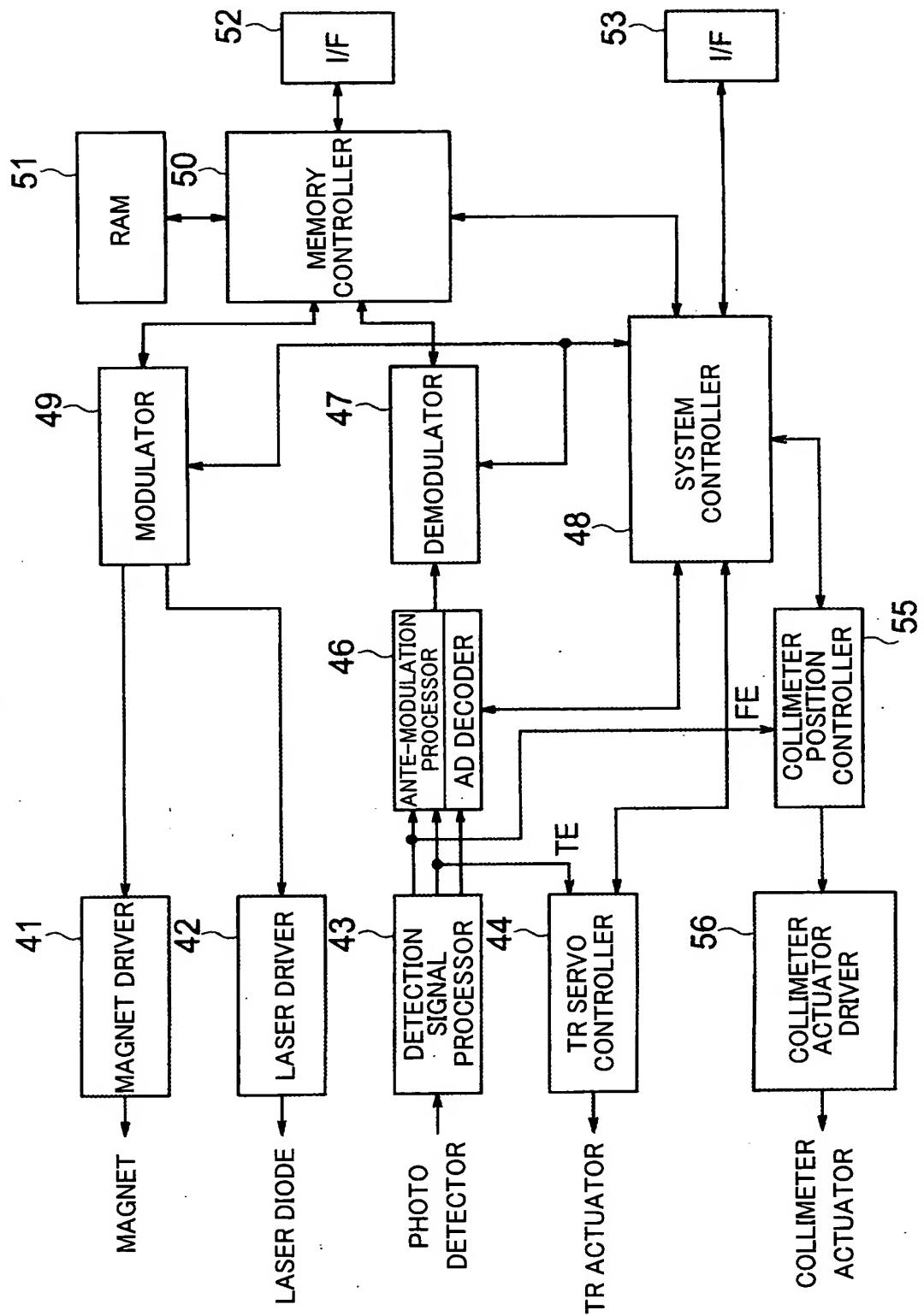
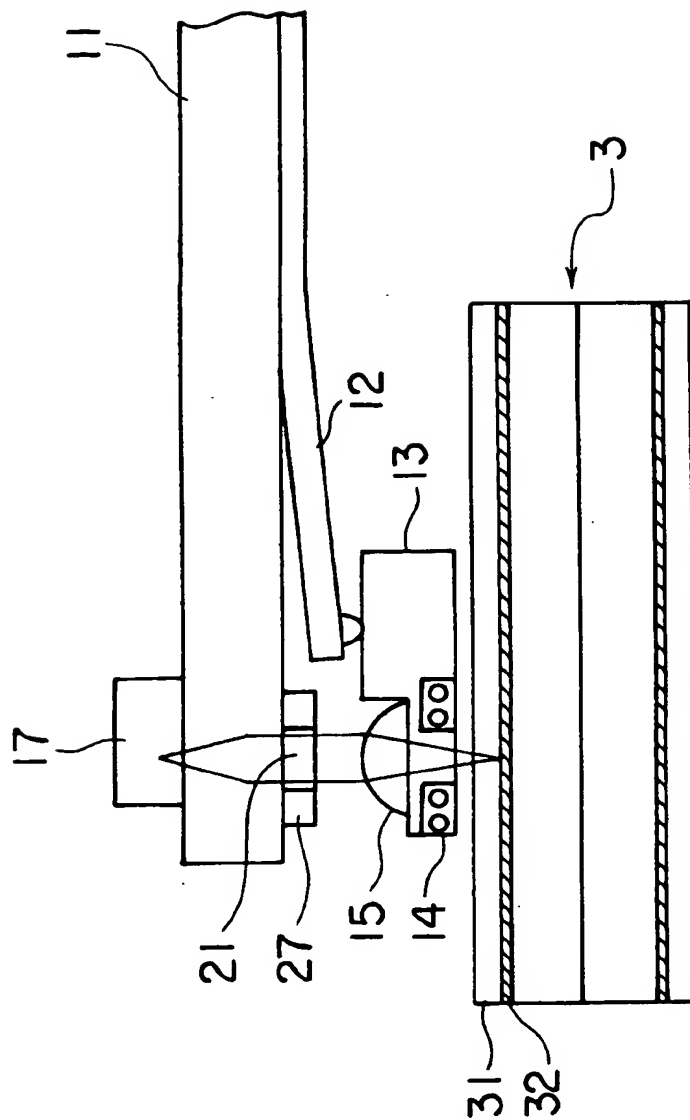


FIG. 8



1B

FIG. 9

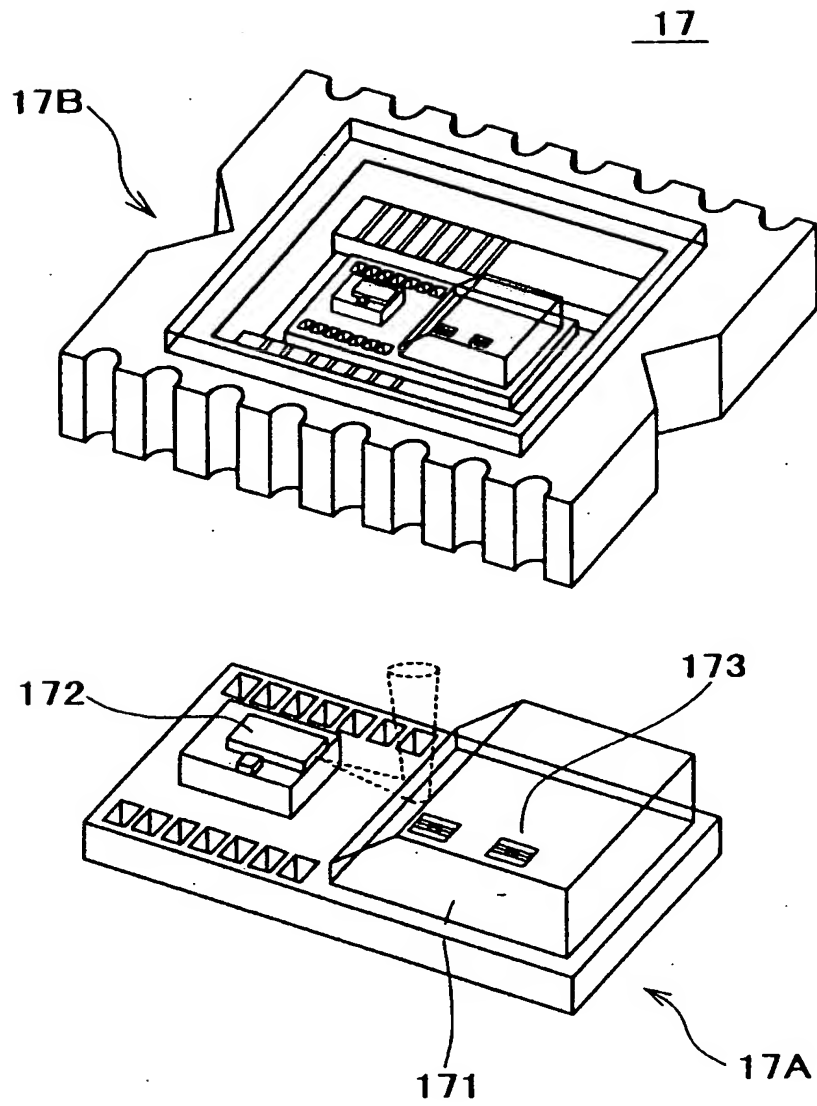


FIG. 12

4A

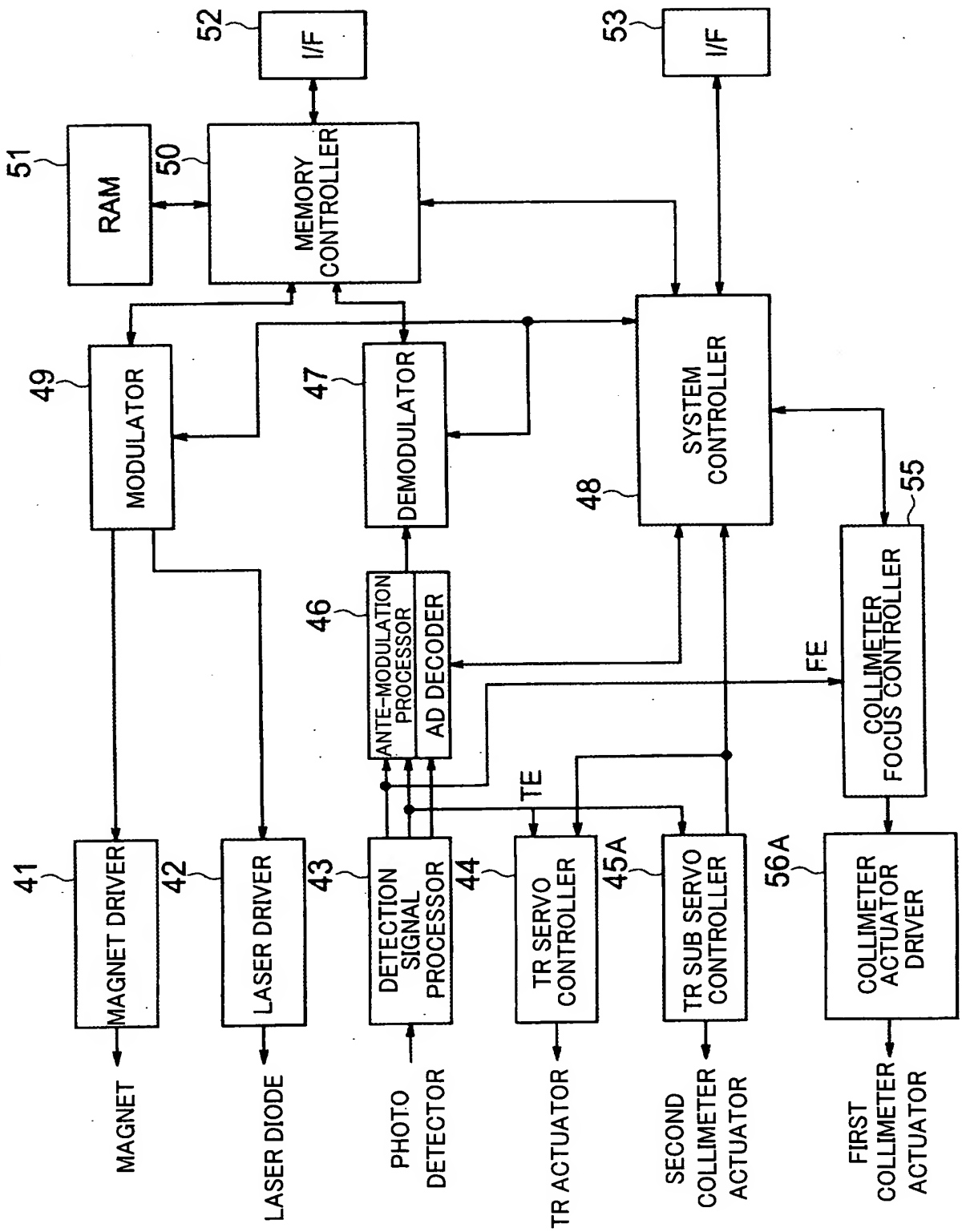


FIG. 13

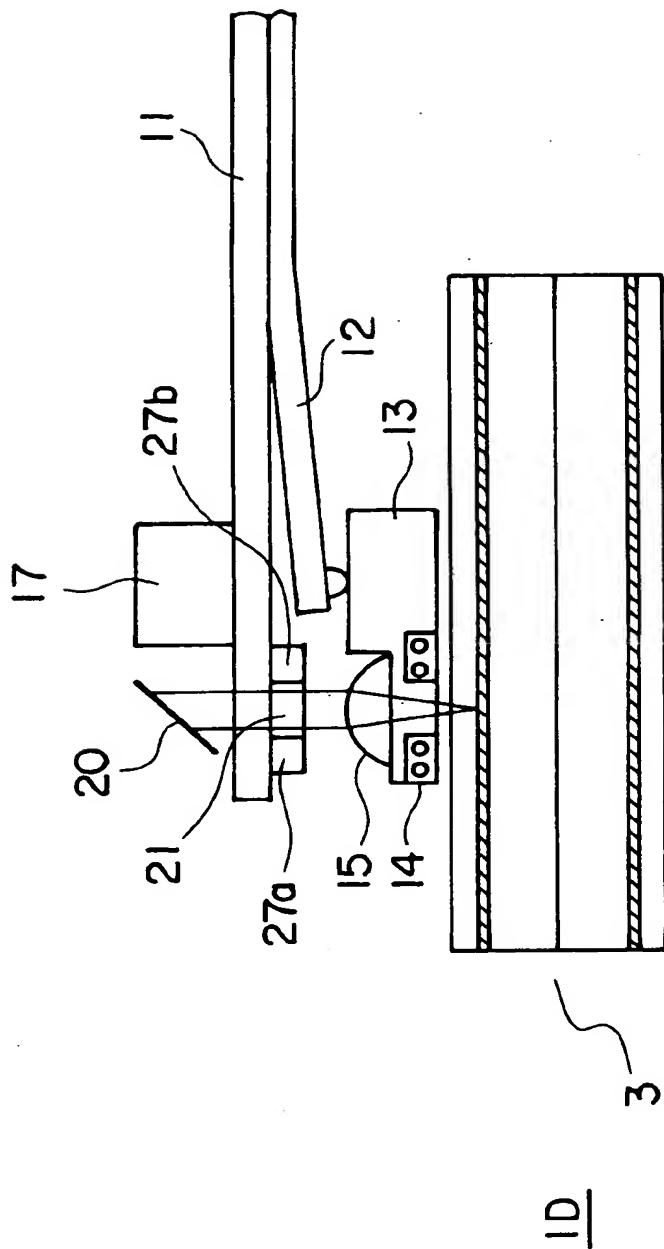
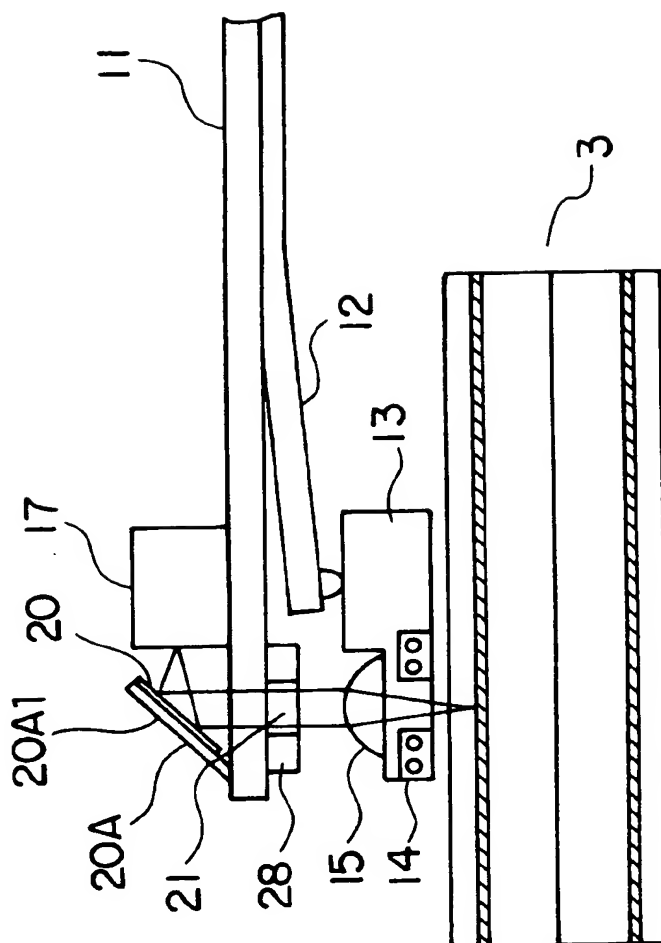


FIG. 14



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FIG. 15

4A

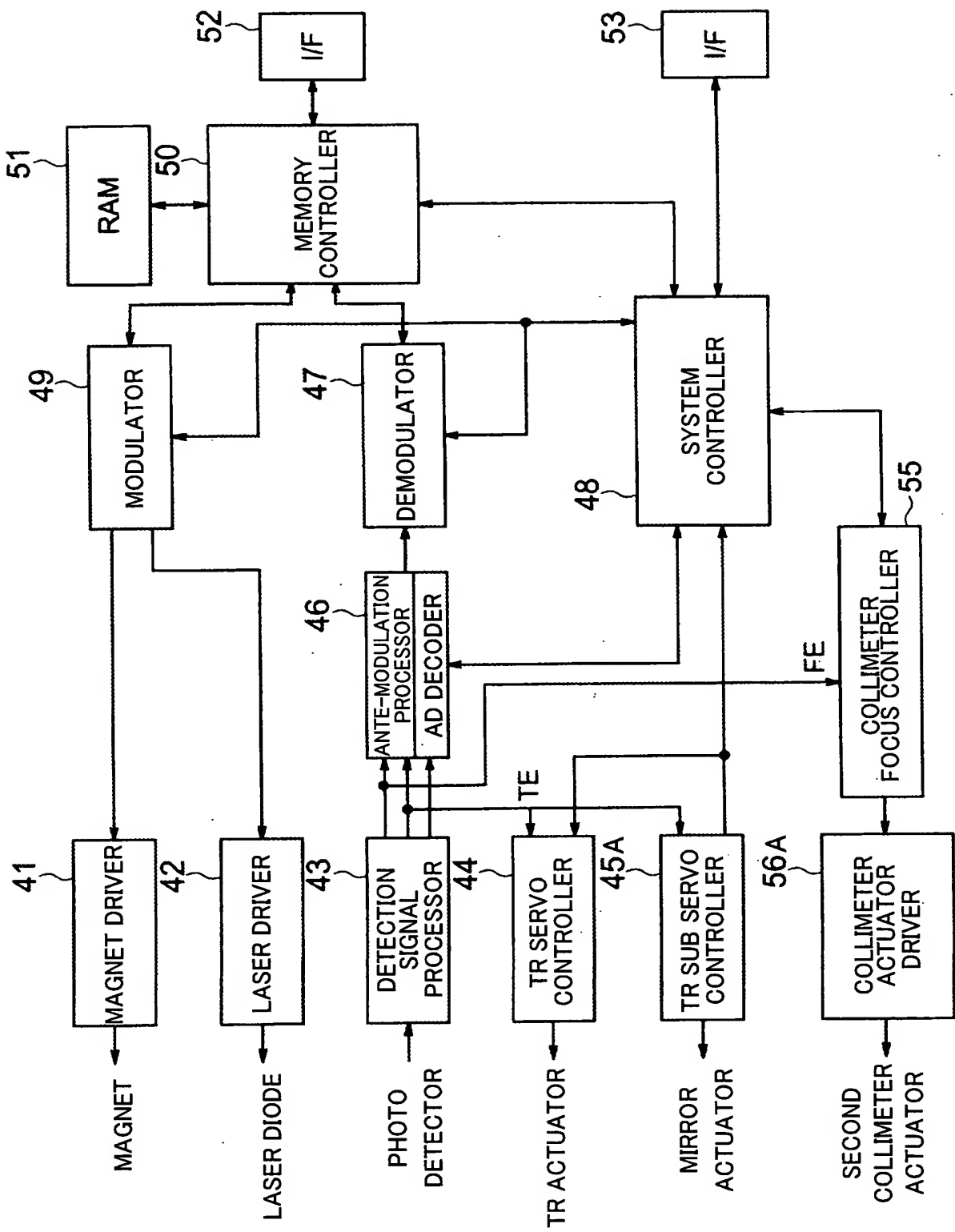


FIG. 17

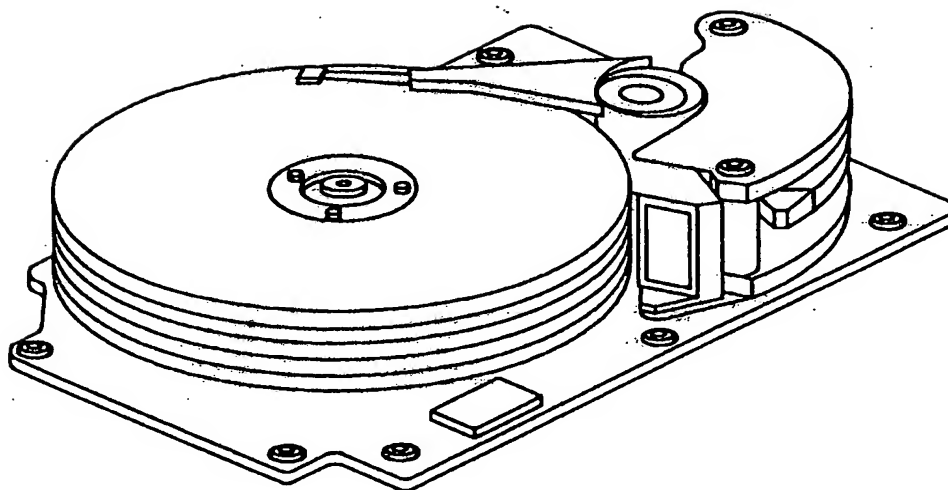


FIG. 18A

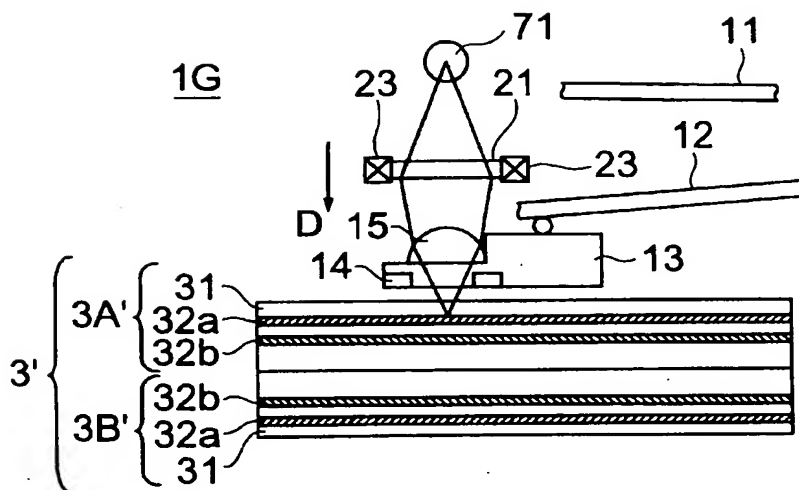


FIG. 18B

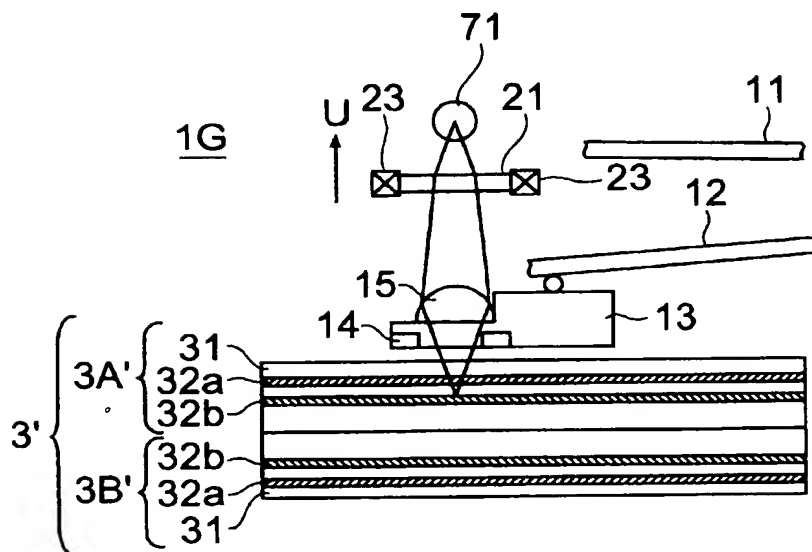


FIG. 19

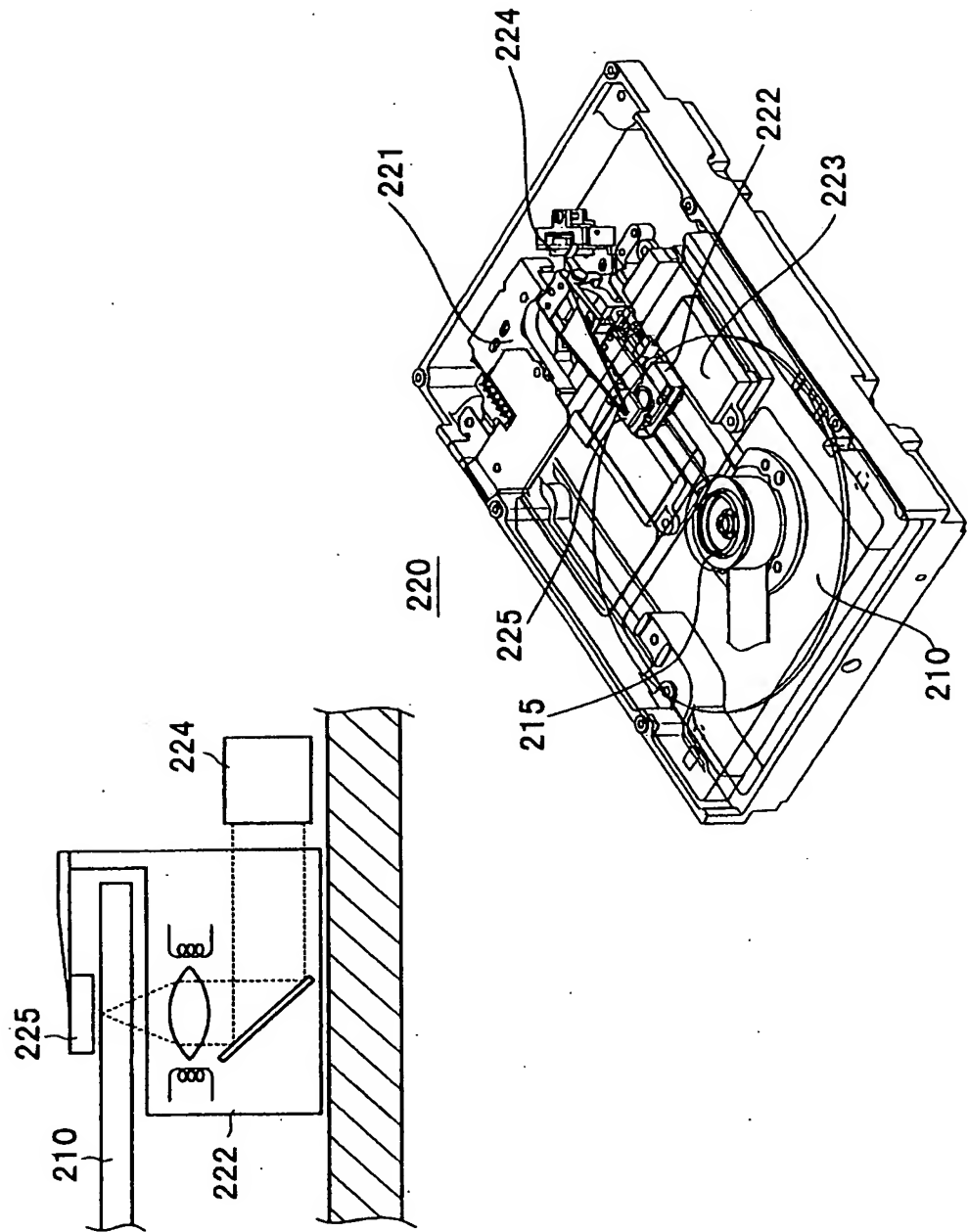


FIG. 20

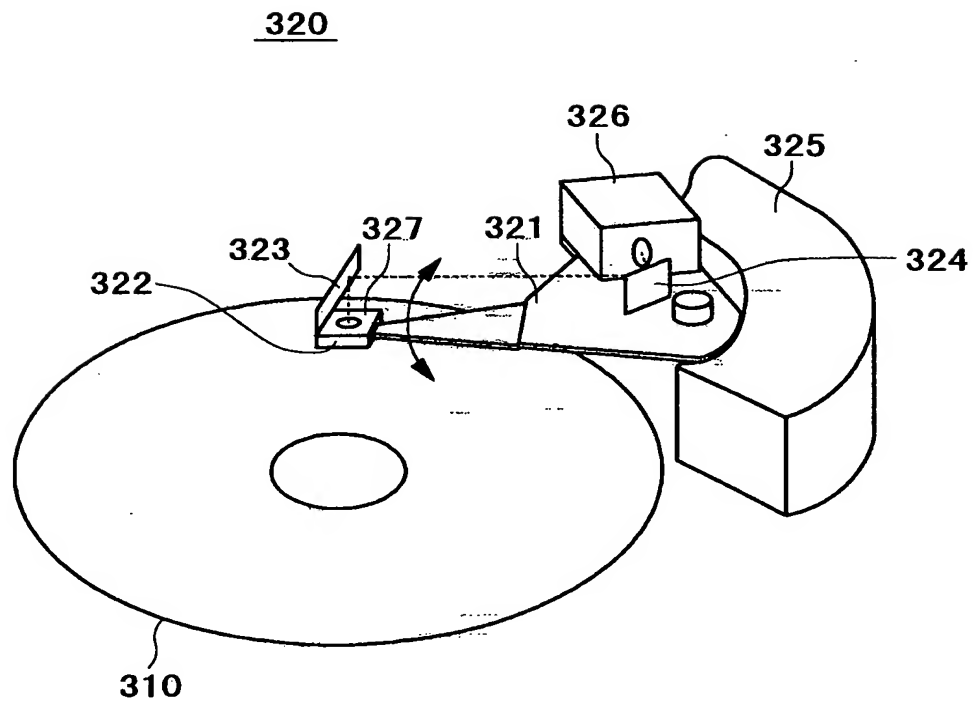


FIG. 21

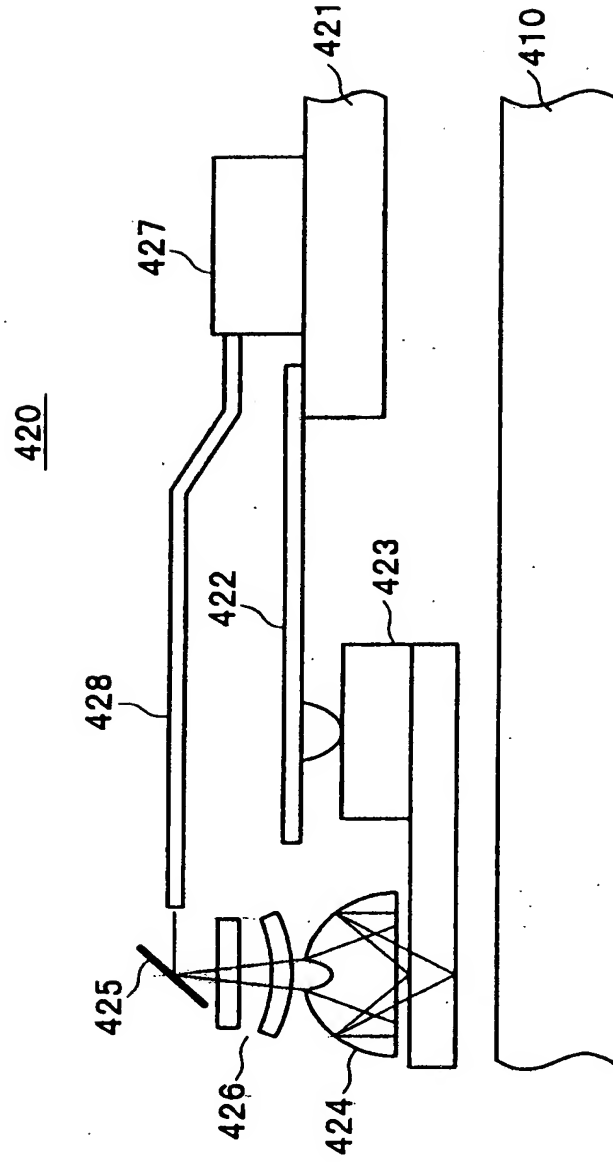
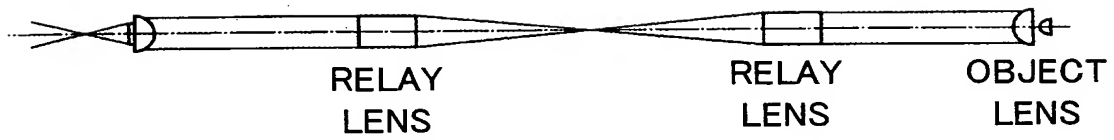


FIG. 22



Explanation of References



- 1, 1A TO 1F... magneto-optical head apparatus
- 3... magneto-optical (MO) disk
- 5 4... control apparatus
 - 41... magnet driver
 - 42... laser driver
 - 43... detection signal processor
 - 44... tracking servo controller
- 10 55... collimeter lens position controller
- 56... collimeter lens actuator driver
- 7... hybrid optical portion
- 11... arm
- 12... suspension
- 15 13... slider
- 14... magnetic modulation coil
- 15... object lens
- 17... optical portion
- 19... voice coil motor (VCM)
- 20 20, 20A... 45-degree inclined mirror
- 21... collimeter lens
- 23... collimeter lens actuator
- 27, 28... collimeter lens actuator